GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1671
ANSWERED ON:28.11.2007
RADIO ACTIVITY LEAKAGE IN ATOMIC POWER PLANTS
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Will the Minister of ATOMIC ENERGY be pleased to state:

(a) the names of the atomic power plants which have completed or are about to complete their life spans in near future;

(b) the steps proposed to be taken to prevent leakage of radio-activity and its consequent effects from these power plants;

(c) the names and details of the atomic power plants where radio-active elements had leaked during the last three years;

(d) whether any study has been conducted or proposed to be conducted to ascertain the effects of these plants on people staying nearby; and

(e) if so, the outcome thereof?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER`S OFFICE(SHRI PRITHVIRAJ CHAVAN)

(a) Nil. Internationally, the economic life of nuclear power stations is 30-40 years. Based on the systematic life assessment studies and life extension measures, the nuclear power plants can be safely operated for another 20-25 years. In India also our experience has been similar. Operation of all plants is subject to licensing by the Atomic Energy Regulatory Board (AERB) and review of operation from time to time.

(b) Not applicable.

(c) In the past three years, there has been no incident of leakage or discharge of radioactivity from a nuclear power plant beyond the limits specified by AERB.

(d) & (e) Environmental Survey Laboratories are located at every Nuclear Power Plant site. These Laboratories regularly monitor the radiation levels in the samples of water, soil, food, vegetation, etc. to assess any impact of radiation in the surroundings.Monitoring over several years in the past has indicated that the radiation received by persons residing in the vicinity of the station is only a very small fraction of the dose limit prescribed by AERB.